

ASAP! Sept. 30

Work Order ID 73949



Page 1

Tuesday, September 20, 2011 10:15:42 AM

Item ID: D4330-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Airframe Bracket Assembly, LH

Start Date: 9/20/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 10/4/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan: MF

Date: 11-09-20 Tooling:

Date:

Run Start



QC:

Date: SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D4330

A

100

0.00



Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg (D4330-1F)

Dwg Rev: A

Prog Rev: A

2-Deburr if necessary

MM NOT PULLY

B 11-9-23

(4)

110

QC2- Inspect parts off machine FAI/FAIB

0.00



QC

Memo

0.00

Quality Control

B 11-9-23

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Page 2

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Required Date: 10/4/2011 Req'd Qty: 4.00

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

QC8- Inspect parts - second check

0.00

S 11/09/26

(4)



QC

Memo

0.00

Quality Control

130

Bend as per dwg

0.00

SB 11/09/28

(4)



Brake NC

Memo

0.00

Brake NC

140

QC6- Inspect dimensions to drawing

0.00

S 11/09/26

(4)



QC

Memo

0.00

Quality Control

1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

[illegible]

Page 3

Accept

[illegible]**Setup Start**

Stop

[illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

2. Once the problem is identified, the next step is to define the objectives and goals of the project. This helps to clarify what needs to be achieved and provides a clear direction for the team.

3. The third step is to develop a plan or strategy to address the problem. This involves breaking down the problem into smaller, manageable tasks and determining the resources needed to complete each task.

4. The fourth step is to implement the plan. This involves putting the strategy into action and monitoring progress regularly to ensure that the project is on track.

5. The final step is to evaluate the results of the project. This involves comparing the actual outcomes with the objectives and goals to determine the effectiveness of the project and identify areas for improvement.

Cust Item ID:

Start Date: 9/20/2011 **Start Qty:** 4.00

Required Date: 10/4/2011 **Req'd Qty:** 4.00

Customer:

Reference:

Run Start

Keywords: child sexual abuse; disclosure; social support; coping strategies

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop

[illegible]

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

**Insp.
Stamp**

0.00

HandFinish

Memo

0.00

Hand Finishing

0.00

Powdercoat

Powder Coating

Memo

POWDER COAT:

Start Time:

Oven Temperature: _____

Finish Time:

0.00

0.00

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

QC

Quality Control

Memo

0.00

4 of 11/04/29

4xØ m. f 11/04/28

4 of 11/02/12

M 118434

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID 73949

Tuesday, September 20, 2011 10:15:42 AM



Page 4

Item ID:	D4330-041	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Airframe Bracket Assembly, LH					
Start Date:	9/20/2011	Start Qty:	4.00		Cust Item ID:	
Required Date:	10/4/2011	Req'd Qty:	4.00		Customer:	
Reference:						

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	
	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
180 		0.00							
Small Fab	Memo	0.00							
Small Fab	1- Assemble ball stud as per dwg.								
190 	QC5- Inspect part completeness to step on W/O	0.00							
QC	Memo	0.00							
Quality Control									
200 	Identify as per dwg & Stock Location: <u>192</u>	0.00							
Packaging	Memo	0.00							
Packaging									

Handwritten signature and date: 9/20/09/29

Handwritten date: 8/10/09/29

Handwritten circled number: (4)

Handwritten date and circled number: 11/19/09 (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Page 5

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Cust Item ID:

Required Date: 10/4/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

210

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/10/3 78
MF 11.09-29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Picklist Print

Tuesday, September 20, 2011 10:15:39 AM

Page 1

Work Order ID: 73949

Parent Item: D4330-041

Parent Item Name: Airframe Bracket Assembly, LH

Start Date: 9/20/2011

Required Date: 10/4/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A 11.08.18 new issue DD Verf:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

M6061T6S.063

Purchased

No

100

sf

198.9456

0.3024

1.273263



6061-T6 .063 Sheet



B11-9-23

Location

Loc Qty

Loc Code

MAT021

198.9455684

116308

26.9755684

117285

98.97

118580

73

117285

(4)

D3622-1

Manufactured

No

180

Each

29.0000

1



Ball Stud



4
9/21/09/29

Location

Loc Qty

Loc Code

ST070

29

72102

29

4

MS21042L5

Purchased

No

180

Each

1,287.000

1



Nut



4
9/21/09/29

Location

Loc Qty

Loc Code

ST300

1287

116105

5

116548

53

117441

343

117611

90

118179

496

118910

300

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

Tuesday, September 20, 2011 10:15:39 AM

Page 2

Work Order ID: 73949



Parent Item: D4330-041



Parent Item Name: Airframe Bracket Assembly, LH

Start Date: 9/20/2011

Required Date: 10/4/2011

Start Qty: 4.00

Required Qty: 4.00

NAS1149D0563J

Purchased

No

180

Each

4,777.000

1

4



Washer



EB 11/09/29

4

Location

Loc Qty

Loc Code

ST298

4777

118206

3777

118614

1000

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

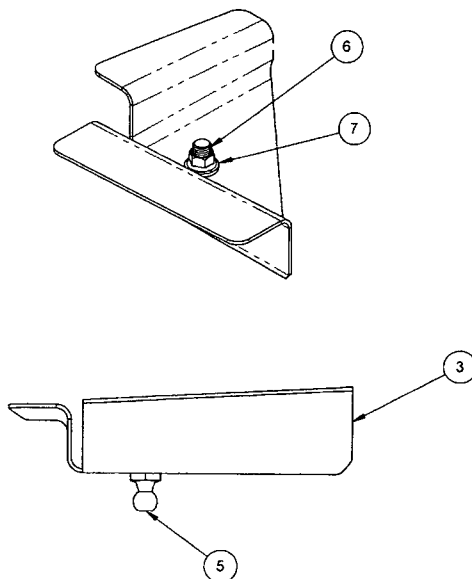
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

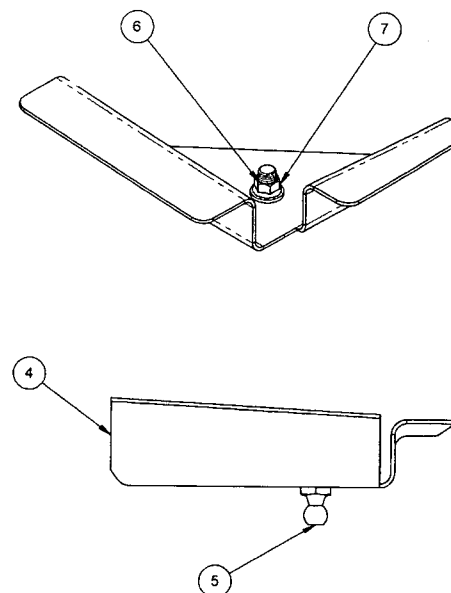
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM	QTY. -041	QTY. -042	P/N	DESCRIPTION
1	X		D4330-041	AIRFRAME BRACKET ASSEMBLY, LH
2		X	D4330-042	AIRFRAME BRACKET ASSEMBLY, RH
3	1		D4330-1	AIRFRAME BRACKET, LH
4		1	D4330-2	AIRFRAME BRACKET, RH
5	1	1	D3622-1	BALL STUD
6	1	1	MS21042L5	NUT
7	1	1	NAS1149D0563J	WASHER



D4330-041 AIRFRAME BRACKET ASSEMBLY, LH



D4330-042 AIRFRAME BRACKET ASSEMBLY, RH

#73949

RELEASED
2011-08-16

- NOTES:
 1) MATERIAL: N/A
 2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 7) WEIGHT: 0.10 lbs

A	NEW ISSUE	DC	11.04.26
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	11.04.26		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. A
DRAWING NO.	D4330	SHEET 1 OF 5
TITLE	BRACKET	SCALE
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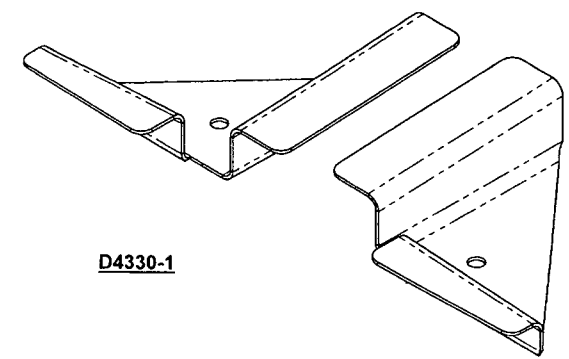
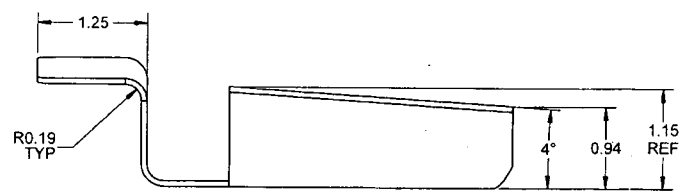
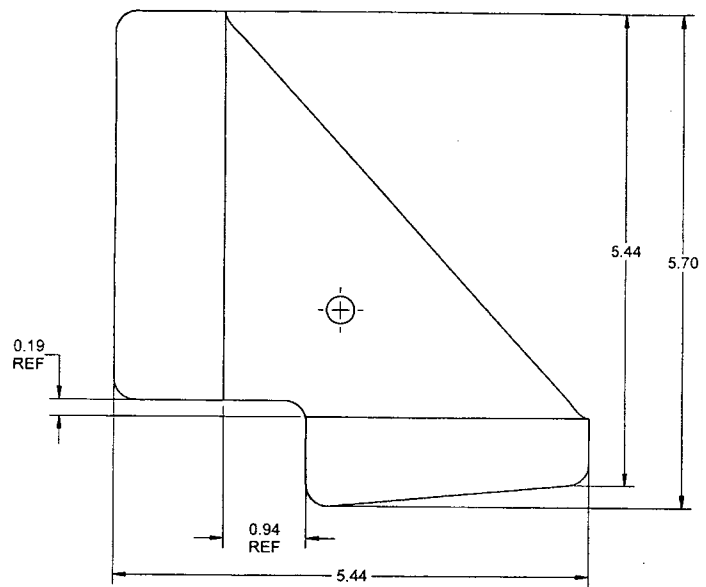
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

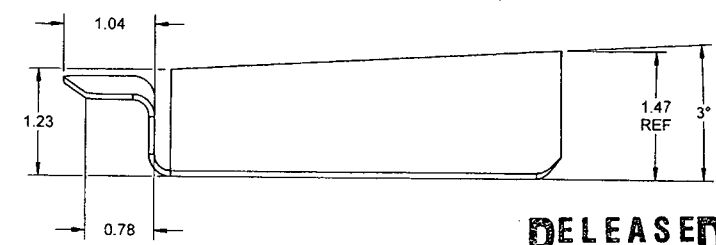
NOTE: Date & initial all entries



D4330-1

D4330-2







73949



D4330-2 AIRFRAME BRACKET, RH (SHOWN)
D4330-1 AIRFRAME BRACKET, LH (OPPOSITE)

- NOTES:**
- 1) MATERIAL: MADE FROM D4330-1F
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "GREY SANDEXT" (4.3 5.6) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 0.06 lbs

RELEASED
 2011-08-16
 MW

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4330	SHEET 2 OF 5
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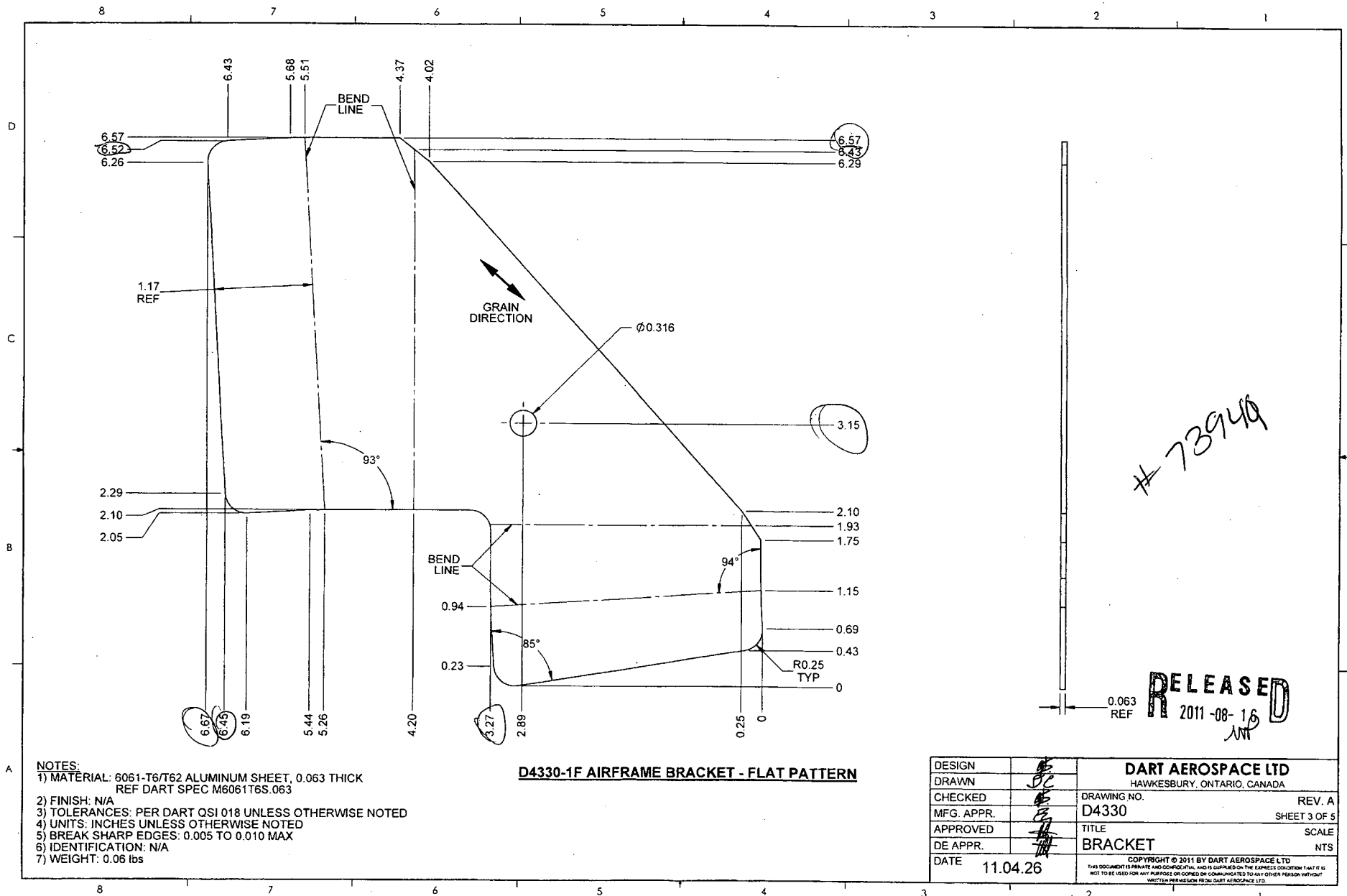
W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries



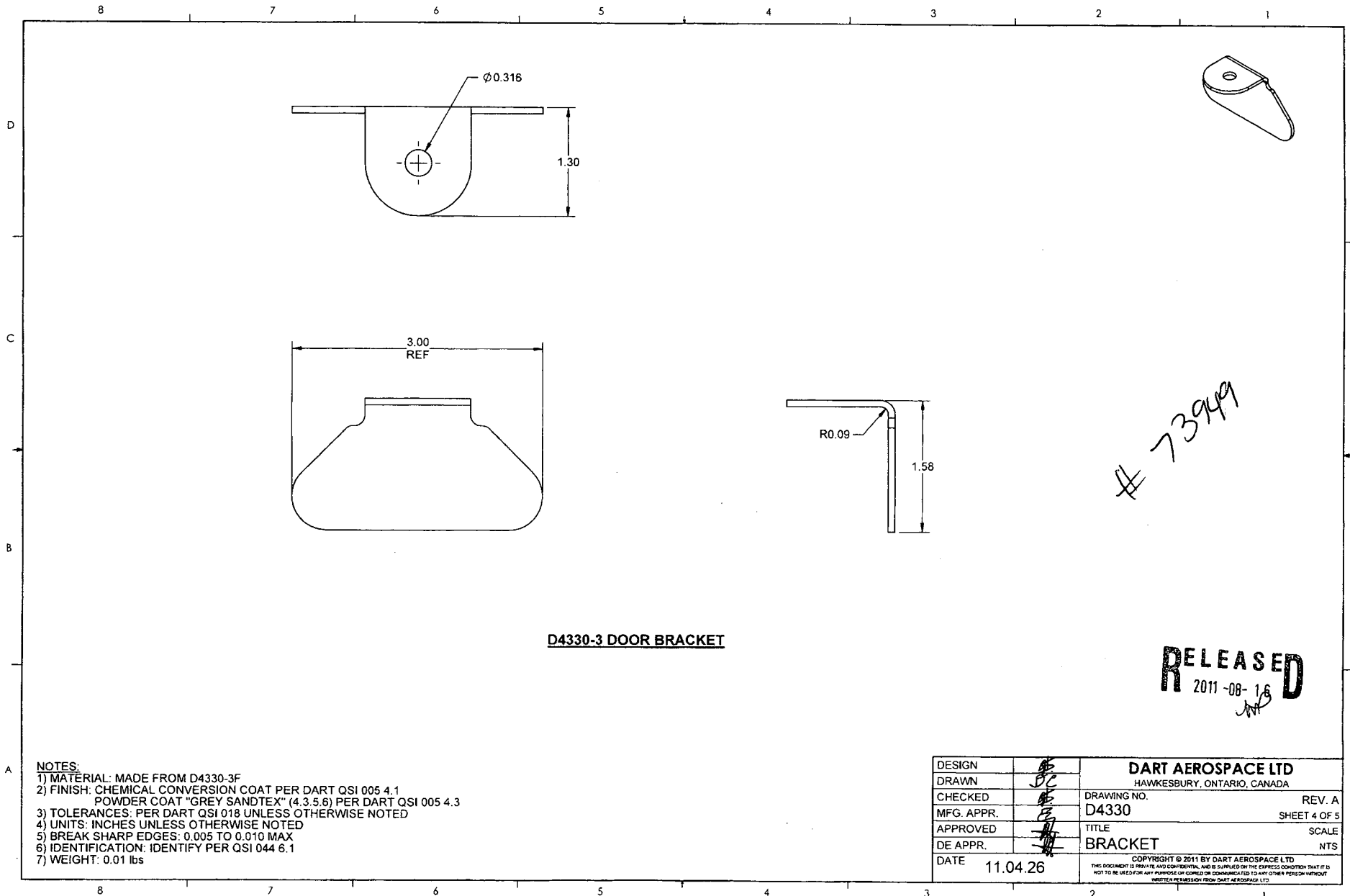
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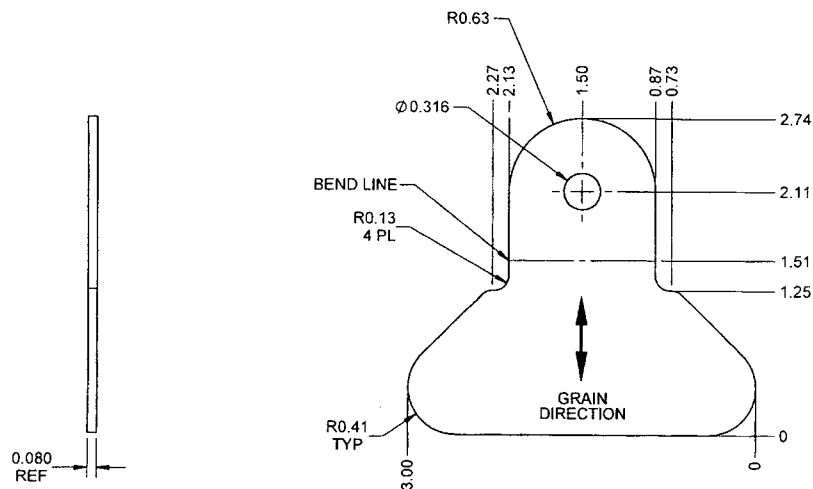
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NOTE: Date & initial all entries



D4330-3F DOOR BRACKET - FLAT PATTERN

RELEASED
2011-08-16

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.080 THICK
REF DART SPEC M6061T6S.080
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs

DESIGN		DART AEROSPACE LTD	
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CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4330	SHEET 5 OF 5
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